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August 1963

PHOTOGRAPHIC INTERPRETATION REPORT

LAUNCH COMPLEXES A, B, E, AND G
KAPUSTIN YAR/VLADIMIROVKA
MISSILE TEST CENTER, USSR



CIA



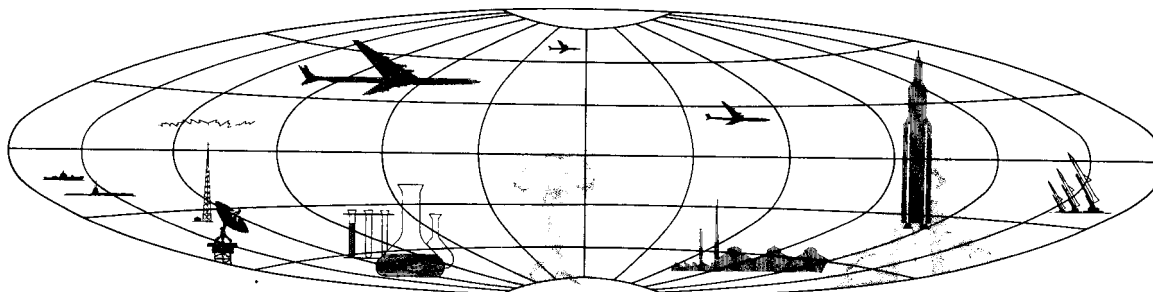
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LAUNCH COMPLEXES A, B, E, AND G KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR

SUMMARY

25X1D This report, covering Launch Complexes
25X1D A, B, E, and G of the Kapustin Yar/Vladimirovka
Missile Test Center (48-34N 45-54E), is based
primarily on KEYHOLE photography of [REDACTED]

25X1D [REDACTED] Few changes have been
revealed at any of the complexes on KEYHOLE
photography since the coverage on TALENT
photography of [REDACTED]

25X1D A new troop training and support area has
been built northwest of Launch Complex A;

a new SA-2 SAM site is located at Launch
Complex A; and two SA-2 SAM sites and an
SA-0 SAM site have been constructed at Launch
Complex G. A location map of the Kapustin
Yar/Vladimirovka Missile Test Center is shown
in Figure 1.

The small scale of the KEYHOLE pho-
tography restricts image definition and, accord-
ingly, the mensural data in this report are
approximations.

LAUNCH COMPLEX A

25X1D A thorough examination of the photography
of [REDACTED] failed to re-
veal any items identifiable as missiles within
the complex (Figure 2).

the second ramp is served by a probable graded
road. No new facilities have been added in
the vicinity of the ramps since [REDACTED] 25X1D

LAUNCH AREA

25X1D The launch area, first observed in
[REDACTED] remains unchanged and appears
inactive. At that time it consisted of two launch
pads (Figure 2, item 1A), about 100 feet square,
with associated vehicle stalls. The expansion
25X1D which took place prior to [REDACTED]
consisted of two large earth-ramped structures
(Figure 2, items 2A-1 and 2A-2). One of
these structures (2A-1) was located within the
confines of the original launch area. These
structures measure 720 by 115 feet and 580
by 100 feet. The turning radii of roads serving
these ramps vary from 60 to 100 feet, and road
widths are approximately 20 feet. The all-
weather road appears to end at the first ramp;

SUPPORT AREA

There have been two new buildings con-
structed since [REDACTED] in the support 25X1D
area northwest of the launch area. Each build-
ing is approximately 120 by 80 feet. A third
building, about 90 by 40 feet, was under con-
struction in [REDACTED] 25X1D

ASSEMBLY AND CHECKOUT AREA

A revetted building, approximately 100 feet
in length, is the probable assembly and check-
out facility for Launch Complex A. It lies
about 500 feet west of the support area. This
structure existed in [REDACTED] 25X1D
An electric power substation is located just northwest of the
building.

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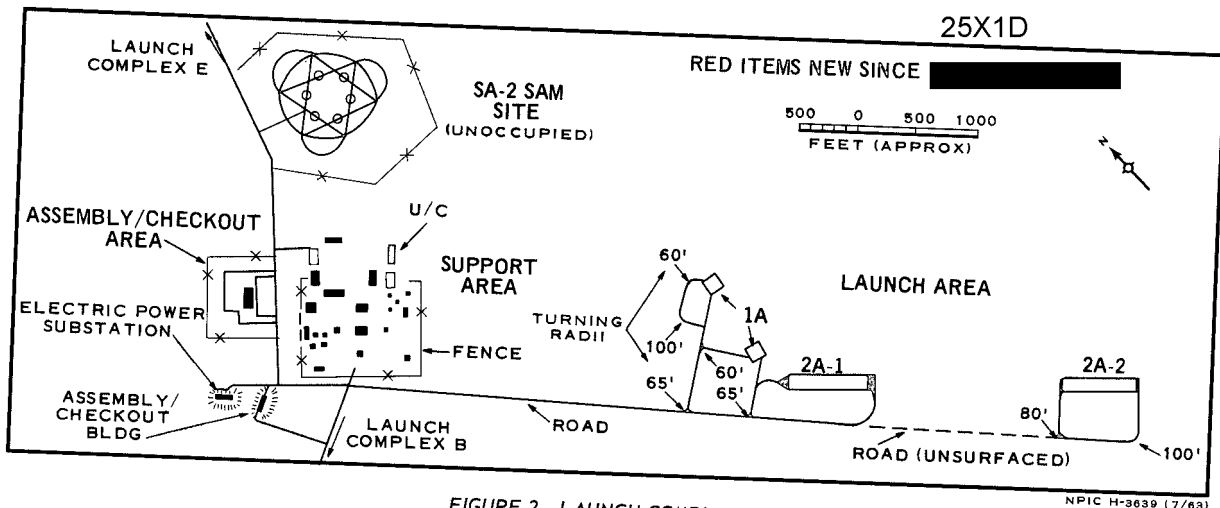


FIGURE 2. LAUNCH COMPLEX A.

The assembly and checkout area northwest of the support area serves Launch Complex E and may also serve Launch Complex A. It contains a large assembly/checkout building. No changes have been noted since [REDACTED]

25X1D

SAM SITE

25X1D

An SA-2 SAM site has been constructed since [REDACTED]. It is approximately 1,000 feet northeast of the support area, and appears to be unoccupied.

25X1D

LAUNCH COMPLEX B

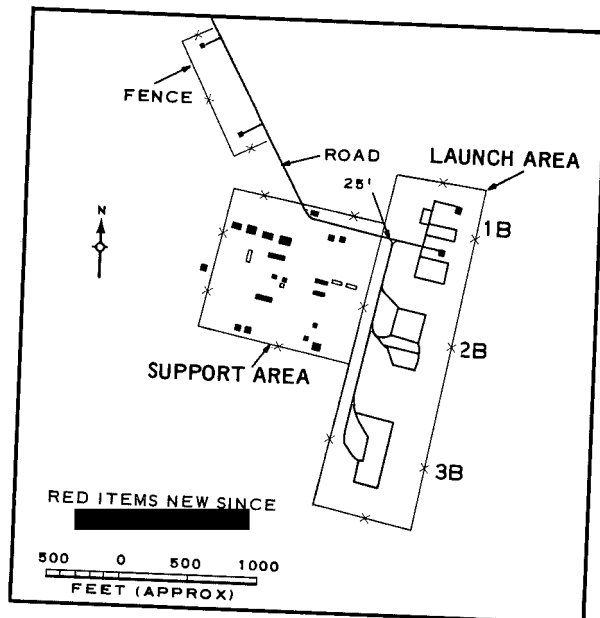


FIGURE 3. LAUNCH COMPLEX B.

This complex (Figure 3) probably is capable of supporting launchings of aerodynamic cruise missiles and small tactical ballistic missiles. No missiles were identified on the photography of [REDACTED]. A 45-to 50-foot object on the southern pad at Launch Area 1B may be a launcher.

25X1D

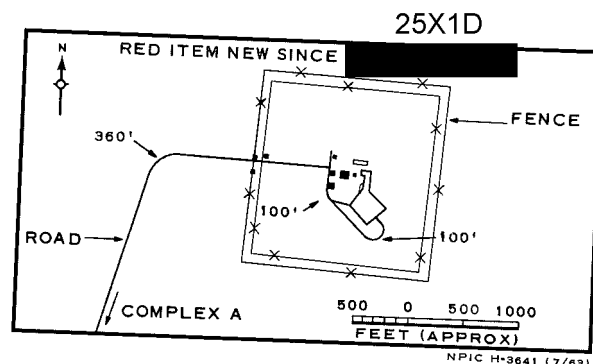


FIGURE 4. LAUNCH COMPLEX E.

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LAUNCH AREA

25X1D No apparent changes to the launch facilities have been made since [REDACTED]. The turn-

ing radius of the main road into the launch area is only about 25 feet. However, the turning radii of the roads entering each pad area average 90 to 100 feet. The road widths are 20 feet.

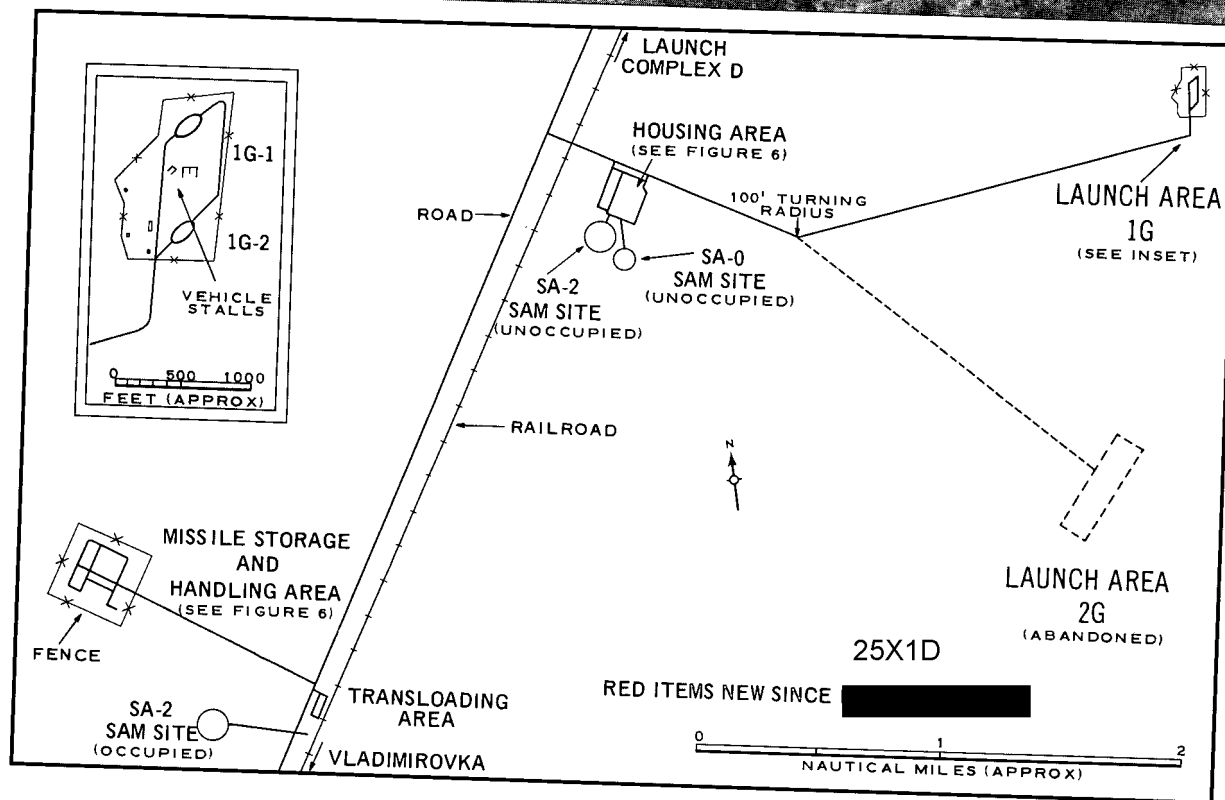
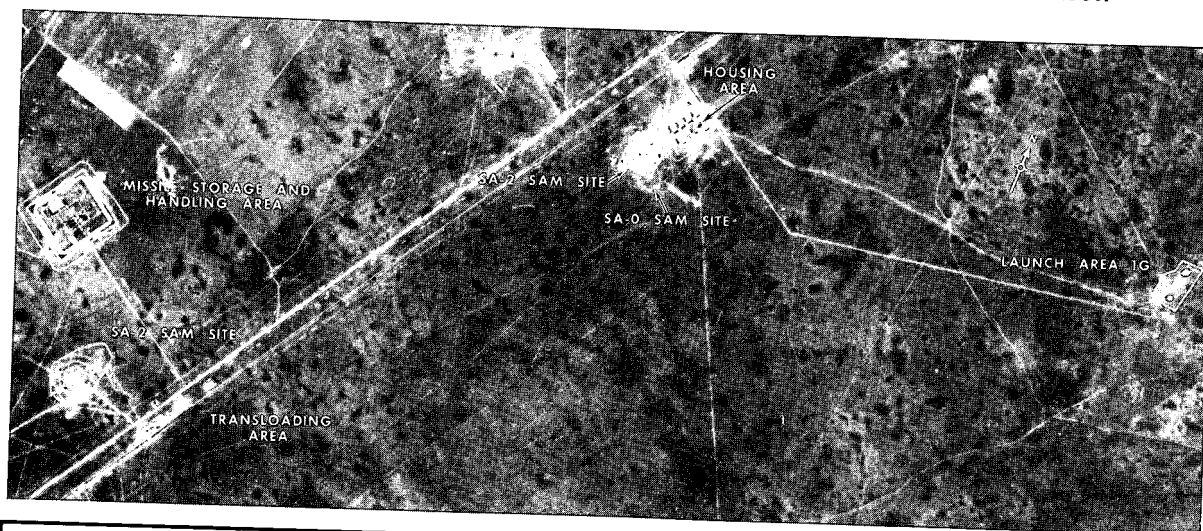


FIGURE 5. LAUNCH COMPLEX G [REDACTED]

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25X1D

SUPPORT AREA

Changes to the support area appear to be relatively insignificant. Four possible 60- to

70-foot-long structures have been added. A new security fence surrounds the area just northwest of the support area.

LAUNCH COMPLEX E

There were no identifiable missiles in or around the launch complex (Figure 4) on the photography of [REDACTED]. No change has been made in the size (230 feet square) or configuration of the launch pad. A new build-

ing 75 by 30 feet has been erected north of the pad area. No other changes are evident since [REDACTED] The road turning radius into the launch complex is 360 feet. Within the pad area the turning radii are 100 feet.

LAUNCH COMPLEX G

Launch Complex G (Figure 5) is considered to be a troop training facility for field-type MRBM firings. Launch Area 1G was still under construction in [REDACTED] and Launch Area 2G contained three active field

training positions. As of [REDACTED] all elements of the complex appeared complete. However, Launch Area 2G appeared inactive and there was a lack of activity in the vicinity of Launch Area 1G and at the housing area.

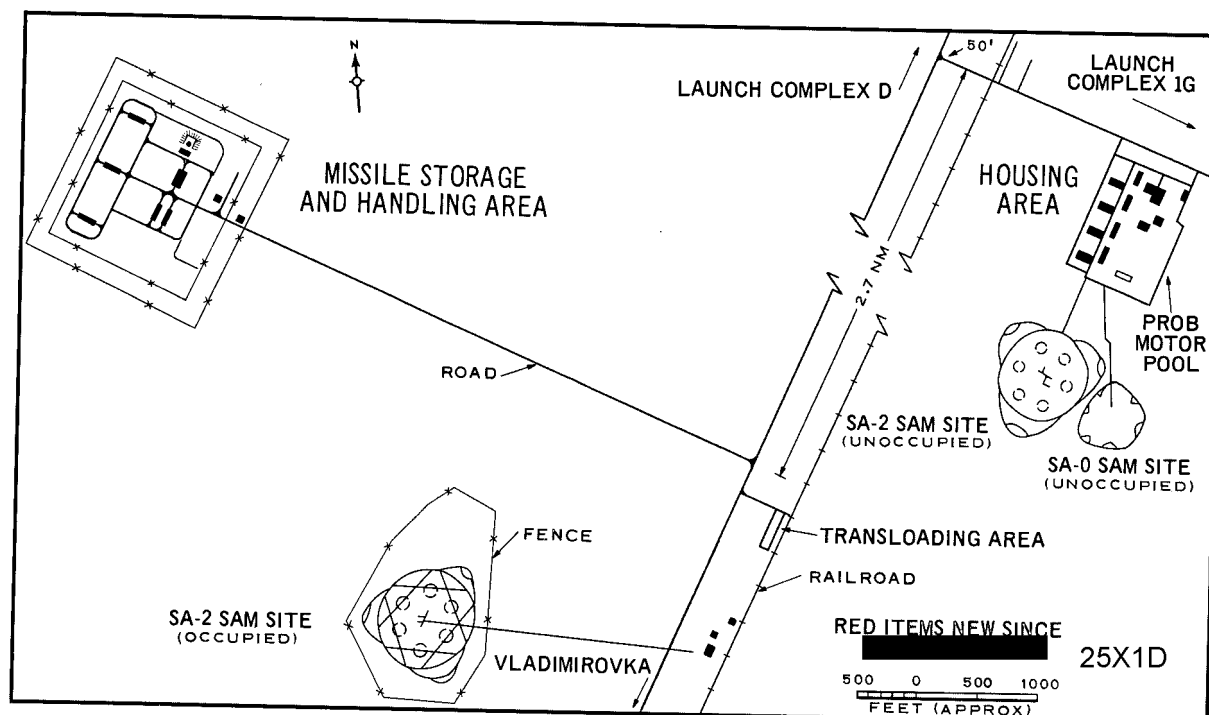


FIGURE 6. LAUNCH COMPLEX G, HOUSING AREA AND MISSILE STORAGE AND HANDLING AREA.

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LAUNCH AREA 1G

Launch Area 1G is enclosed within a security fence. There are two launch pads with an 805-foot separation and a perpendicular orientation of 100 degrees. The roads serving the pads approach at angles of 60 degrees. Launch pad 1G-1, on the north, is 190 by 150 feet and launch pad 1G-2, on the south, 150 by 130 feet in size. Both appear to be hard surfaced. Three probable vehicle stalls, each approximately 45 by 15 feet, are located between the pads.

Road widths into the launch area and pad 1G-1 average [REDACTED]. The road serving pad 1G-2 is approximately 10 feet wide. A loop road between the pads is about 10 feet wide, and appears to have only a graded surface.

Pad 1G-1 appears to be the principal launch position at Launch Complex G.

HOUSING AREA

Troop housing (Figure 6) appears completed, and all structures under construction in [REDACTED] have been completed. A new building similar in size to the majority of the buildings has been added. There is also a probable motor pool adjacent to the building area.

MISSILE STORAGE AND HANDLING AREA

This facility (Figure 6), about 2.5 nautical miles (nm) west-southwest of the housing area, is basically unchanged since [REDACTED]. However, two sections of roadway have been added.

SAM SITES

An occupied operational SA-2 SAM site, new since [REDACTED] is located about

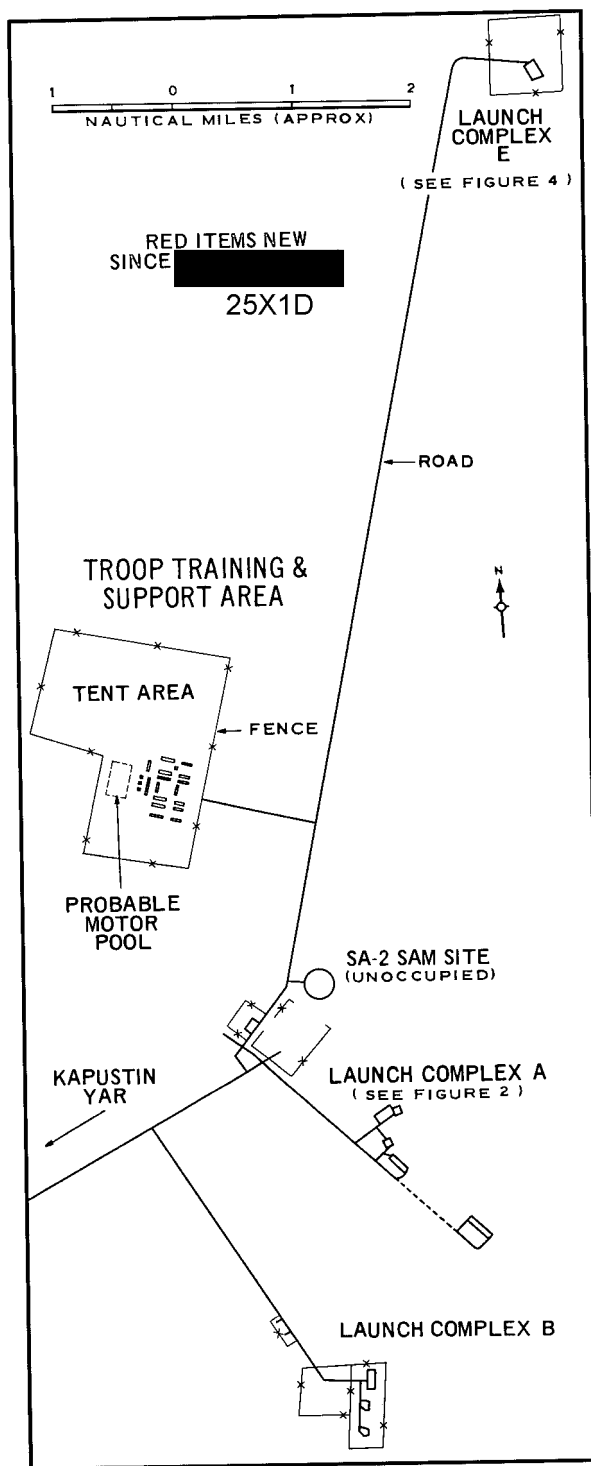


FIGURE 7. TROOP TRAINING AND SUPPORT AREA.

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4,000 feet south-southeast of the missile storage and handling area. The site lies within a security fence.

There are two new SAM sites adjacent

to the housing area; one is an unoccupied SA-2 site with completed revetments, and the other an unoccupied SA-0 site with pads on the perimeter road.

TROOP TRAINING AND SUPPORT AREA

The new troop training and support area (Figure 7) lies approximately one nm northwest of Launch Complex A and 3.3 nm southwest of Launch Complex E. It includes a probable motor pool, a large area for temporary camping, and the following buildings:

17 two-story buildings, each 150 by 30 feet

1 three-story building, 100 by 30 feet

1 two- to three-story building, 360 by 30 feet

Total floor space is estimated to be in excess of 170,000 square feet. The permanent facilities probably house approximately 1,500 troops.

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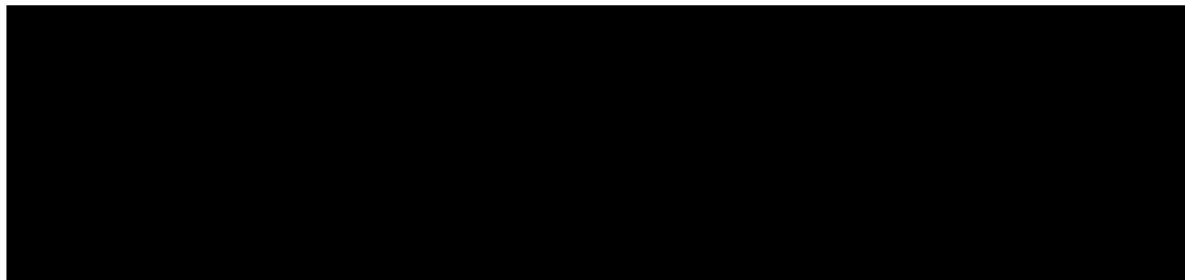
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REFERENCES

PHOTOGRAPHY

25X1D



MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0235-22AL, 3d ed, May 60, scale 1:200,000 (SECRET)

RELATED DOCUMENTS

25X1D

NPIC. R-8/61, Kapustin Yar/Vladimirovka Missile Test Center, USSR, Changes [REDACTED] (TOP SECRET RUFF)

25X1C

CIA. PIC/JR-1005/61, Launch Complex E Surface-to-Surface Missile Facilities, Kapustin Yar/Vladimirovka Missile Test Center, USSR, Feb 61 [REDACTED]

25X1C

NPIC. R-1162/63, Launch Complex B Kapustin Yar/Vladimirovka Missile Test Center, USSR, Mar 63 (SECRET No Foreign Dissem [REDACTED])

25X1C

CIA. PIC/JR-1006/61, Launch Complex G Surface-to-Surface Missile Facilities, Kapustin Yar/Vladimirovka Missile Test Center, USSR, Mar 61 [REDACTED]

REQUIREMENT

CIA. OSI/R-83/62KH

NPIC PROJECT

JN-127/62 (partial answer)

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